

**Materials List for:**

**Germ Cell Transplantation and Testis Tissue Xenografting in Mice**

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URL: <https://www.jove.com/video/3545>

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**Materials**

Name	Company	Catalog Number	Comments
Collagenase (type IV)	Sigma-Aldrich	C5138	
Trypsin-EDTA	Invitrogen	25200-056	
DNaseI	Sigma-Aldrich	DN25	
DMEM	Invitrogen	31053-028	
Trypan blue stain	Invitrogen	15250-061	
Nylon mesh cell strainer	BD Biosciences	352340 (40µm) 352350 (70µm)	
Busulfan	Sigma-Aldrich	B2635	
Thin-Wall Glass Capillaries	World Precision Instruments, Inc.	TW 100-3	
BD intramedic polyethylene tubing (PE100)	BD Biosciences	CA-63018-725	
Ethicon 6-0 Silk Suture	Ethicon Inc.	706G	
Wound clips	BD Biosciences	427631	
Sigmacote	Sigma-Aldrich	SL2	
X-gal	Sigma-Aldrich	B4252	
Potassium Ferrocyanide	Sigma-Aldrich	P9387	
Potassium Ferricyanide	Sigma-Aldrich	P3667	
magnesium chloride	Sigma-Aldrich	208337	
sodium deoxycholate	Sigma-Aldrich	D6750	
N,N-Dimethylformamide	Sigma-Aldrich	D4551	
Igepal CA-630	Sigma-Aldrich	18896	